

# CORNELL UNIVERSITY OFFICIAL PUBLICATION

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Volume XIX

Number 17

## Announcement of the University Division of Education 1928-29

Ithaca, New York  
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May 15, 1928

## THE UNIVERSITY CALENDAR FOR 1928-29

Observed by all the departments of the University at Ithaca.  
The Medical College in New York City has a different calendar, for which see its Announcement.

1928		FIRST TERM
Sept. 14,	<i>Friday,</i>	Entrance examinations begin.
Sept. 24,	<i>Monday,</i>	Registration and assignment of new students.
Sept. 25,	<i>Tuesday,</i>	
Sept. 25,	<i>Tuesday,</i>	Registration and assignment of old students.
Sept. 26,	<i>Wednesday,</i>	
Sept. 27,	<i>Thursday,</i>	Instruction begins at 8 A. M.
Oct. 19,	<i>Friday,</i>	Last day for payment of tuition for the first term.
Nov. 28,	<i>Wednesday,</i>	Instruction ends at 6 P. M.
Dec. 3,	<i>Monday,</i>	Instruction resumed at 8 A. M.
Dec. 22,	<i>Saturday,</i>	Instruction ends at 1 P. M.
1929		Instruction resumed at 8 A. M.
Jan. 7,	<i>Monday,</i>	
Jan. 11,	<i>Friday,</i>	Founder's Day.
Jan. 26,	<i>Saturday,</i>	Instruction ends.
Jan. 28,	<i>Monday,</i>	Term examinations begin.
Feb. 6,	<i>Wednesday,</i>	Term ends.
Feb. 7,	<i>Thursday,</i>	A holiday.

### SECOND TERM

Feb. 8,	<i>Friday,</i>	Registration of all students.
Feb. 11,	<i>Monday,</i>	Instruction begins at 8 A. M.
Mar. 4,	<i>Monday,</i>	Last day for payment of tuition for the second term.
Mar. 30,	<i>Saturday,</i>	Instruction ends at 1 P. M.
April 8,	<i>Monday,</i>	Instruction resumed at 8 A. M.
May 25,	<i>Saturday,</i>	Spring Day: a holiday.
June 3,	<i>Monday,</i>	Term examinations begin.
June 11,	<i>Tuesday,</i>	End of term examinations.
June 17,	<i>Monday,</i>	COMMENCEMENT.



# UNIVERSITY DIVISION OF EDUCATION

## FACULTY

LIVINGSTON FARRAND, A.B., M.D., L.H.D., LL.D., President of the University.

### ADMINISTRATIVE COMMITTEE

JULIAN EDWARD BUTTERWORTH, Ph.D., Chairman of the Division.

EMERY N. FERRISS, Ph.D.

RIVERDA HARDING JORDAN, Ph.D.

PAUL J. KRUSE, Ph.D.

ROBERT MORRIS OGDEN, Ph.D.

### STAFF OF INSTRUCTION

THOMAS LEVINGSTON BAYNE, jr., Ph.D., Assistant Professor of Rural Education.

WILLIAM FRENCH BRUCE, Ph.D., Instructor in Education.

ISABEL BULL, B.S., Instructor in Rural Education.

JULIAN EDWARD BUTTERWORTH, Ph.D., Professor of Rural Education.

ANNA BOTSFORD COMSTOCK, B.S., Emeritus Professor of Rural Education.

EMMA CONLEY, B.A., Acting Professor of Rural Education.

THEODORE HILDRETH EATON, Ph.D., Professor of Rural Education.

EMERY N. FERRISS, Ph.D., Professor of Rural Education.

FRANK SAMUEL FREEMAN, Ed.D., Assistant Professor of Education.

MABEL HASTIE, B.S., Instructor in Rural Education.

EDWIN RAYMOND HOSKINS, M.S.A., Instructor in Rural Education.

\*RIVERDA HARDING JORDAN, Ph.D., Professor of Education.

PAUL J. KRUSE, Ph.D., Professor of Rural Education.

MAX LUDWIG WOLFRAM LAISTNER, M.A., Professor of Ancient History.

CLYDE B. MOORE, Ph.D., Professor of Rural Education.

CAROLINE JULIETTE MUSKAT, M.A., Instructor in Rural Education.

ROBERT MORRIS OGDEN, Ph.D., Professor of Education.

E. LAURENCE PALMER, Ph.D., Professor of Rural Education.

PRESERVED SMITH, Ph.D., Litt.D., Professor of Medieval History.

ROLLAND MACLAREN STEWART, Ph.D., Professor of Rural Education.

RICHARD STEPHEN UHRBROCK, Ph.D., Assistant Professor of Rural Education.

ETHEL BUSHNELL WARING, Ph.D., Professor of Home Economics.

ANDREW LEON WINSOR, M.A., Instructor in Rural Education.

### ASSISTANTS

ARTHUR LEROY CARSON, B.S., Assistant in Rural Education.

JAMES BECKLEY PALMER, B.S., Assistant in Rural Education.

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\*Leave of absence, second term, 1928-29.



## UNIVERSITY DIVISION OF EDUCATION

The formation of a University Division of Education at Cornell University was authorized by action of the Trustees on February 6, 1926. The Division has been formed by the affiliation of the Department of Education in the College of Arts and Sciences and the Department of Rural Education in the New York State College of Agriculture. This action did not discontinue the two departments but was designed to provide for a fuller coördination of their efforts than had previously existed. Each department maintains its autonomy and continues to perform such functions as are of primary concern to its college.

The offices of the Division are in Sage College. The Department of Education in the College of Arts and Sciences and the Department of Rural Education in the College of Agriculture have their offices, laboratories, and classrooms in Goldwin Smith Hall and in Caldwell Hall, respectively.

### PURPOSES OF THE DIVISION

The University Division of Education provides, through the coöperation of the existing departments, a means for meeting the needs of the University for work in Education.

The purposes of the Division are:

1. To offer undergraduates in Cornell University opportunity to obtain the professional preparation commonly required of those desiring to teach in the public schools. To this end a group of introductory courses designed for those who have had no teaching experience is offered.
2. To provide opportunity for advanced study for those who have had teaching experience. Persons engaged in teaching who desire to increase their professional equipment or to prepare themselves for more specialized positions than they are now holding will find courses designed to meet their needs.
3. To furnish opportunity for research and experimentation in educational theory and practice.
4. To satisfy the demand for extension courses on the part of teachers in service.
5. To maintain an adequate placement service for workers in Education.

All undergraduate resident students in the Division must be enrolled in some college of the University. This means that they must meet the admission requirements of the college in which they are registered. Registration will admit them to such courses in the Division as they are qualified to pursue. In any extension courses that may be offered, the students must meet such requirements as may be provided in connection with the courses.



The completion of a course in the University Division of Education does not necessarily mean that the course will be credited toward the degree of a particular college in the University. Those courses which appear in the announcements of the College of Arts and Sciences and the College of Agriculture are credited by the respective colleges. Students making elections from courses not included in the offerings of their college should make certain that they are acceptable to that college.

### TUITION FEES IN THE UNDERGRADUATE COLLEGES

Facts regarding tuition fees in the several schools and colleges of the University can be found in the General Circular of Information.

### GRADUATE WORK

Qualified students may be admitted to candidacy for the Master's degree or for the degree of Doctor of Philosophy with a major or a minor or both in some phase of Education.

A graduate of any college in which requirements for a first degree are substantially equivalent to those for the first degree at Cornell may be admitted to resident study in the Graduate School. He may at once enter upon candidacy for an advanced degree if he can show that he is qualified to pursue the subjects in which he proposes to work. The requirements for the degree are based upon actual achievement in scholarship and research in the fields indicated by the major and minor subjects, and do not depend primarily on the completion of any prescribed number of courses or of a fixed term of residence. Graduate work at Cornell is not expressed in terms of courses or of hours. The writing of a thesis and the passing of a special examination are also required. The minimum period of residence for a Master's degree is one academic year or its equivalent, and for a Doctor's degree, three years.

The residence requirements for a master's degree may be fulfilled in whole or in part by attendance during the Summer Session of the University. For this purpose, two Summer Sessions will be regarded as the equivalent of one term, and four Summer Sessions as the equivalent of one year. Candidates for a Master's degree who are in residence during Summer Sessions only are required to continue their studies during the year under the direction of the chairman of the special committee in charge of their work. Upon the recommendation of the student's special committee, summer session study may be counted toward the degree of Doctor of Philosophy.

Under certain conditions candidates for advanced degrees may work under the personal direction of some member of the faculty during the summer and have this work counted as residence credit.

In order to avoid delays at the beginning of the academic year, those who desire to enter the Graduate School are advised to make



application for admission, either in person or by letter, in the preceding spring or summer. They should address the Dean of the Graduate School, Cornell University, Ithaca, N. Y., and also communicate with the professor under whose direction they desire to study.

For complete information regarding graduate work, the Announcement of the Graduate School should be consulted.

### APPOINTMENT SERVICE FOR TEACHERS

An appointment service is maintained by the Division. Its purpose is to assist men and women who have studied or who are studying at Cornell University to secure positions in educational work. Such persons are invited to use this service, which is performed without charge. Those desiring assistance should communicate with the office of the Division.

### OBSERVATION AND DIRECTED TEACHING

Special arrangements have been made with the local school authorities for the observation of teaching. To facilitate further the training of teachers in certain phases of the work, provision has been made for directed teaching in the nearby villages of Trumansburg and Groton.

### PHYSICAL EDUCATION

The University Department of Physical Education offers a four-year undergraduate course designed to meet the requirements for the New York State Teacher's Certificate in Physical Education. Any undergraduate desiring to prepare for the teaching of physical education should select the necessary courses in Education from those offered by the Division of Education.

### METHODS COURSES IN ACADEMIC SUBJECTS

A group of courses for prospective teachers is offered in the College of Arts and Sciences to prepare for teaching various subjects of the secondary school curriculum. Elections from these may be made in meeting the requirements for the methods group. A description of each course will be found in the announcement of the College of Arts and Sciences.

TEACHERS' COURSE (English 98). Professor NORTHUP.  
 TEACHING OF FRENCH (French 30). Professor MASON.  
 TEACHERS' COURSE IN GERMAN COMPOSITION (German 39). Professor BOESCHE.  
 TEACHERS' COURSE IN METHODS (German 40). Professor FAUST.  
 TEACHING OF HISTORY (History 101). Professor BRETZ.  
 TEACHERS' TRAINING COURSE (Latin 26). Professor DURHAM.  
 TEACHERS' COURSE (Mathematics 20). Assistant Professor CRAIG.  
 TEACHING OF PHYSICS IN SECONDARY SCHOOLS (Physics 91). Mr. ———.  
 PHONETICS AND SPEECH TRAINING (Public Speaking 25). Mr. THOMAS.

(Special methods courses in Agriculture, Homemaking, Nature Study, and the elementary school subjects are described in this announcement.)



## REQUIREMENTS FOR CERTIFICATION

To meet the requirements of the State of New York for any form of permanent certificate the candidate is required to complete 18 semester hours in education; or in lieu thereof to take examinations in the required subjects. The 18 hours are distributed as follows: Psychology, 6 hours; History and Principles of Education, 6 hours; and Methods, 6 hours. These requirements may be met by several combinations of courses that are offered by the Division of Education.

The following are suggested:

Psychology: six hours are required.

\*Education I ..... 3 hours  
or

\*Rural Education III ..... 4 hours  
Psychology I ..... 3 hours  
Education 7 ..... 3 hours  
Education 17 ..... 2 hours  
Rural Education II6 ..... 2 hours

\*Education I or Rural Education III must be taken and work elected from the other courses to make a minimum of 6 credit hours.

History and Principles; six hours are required.

Education 2, 3a, 3b, 5, 13, 16.

Rural Education 181.

At least one course in History of Education and one in Principles of Education are required.

Methods; six hours are required.

Education 4, 4a.

Rural Education 7, 121, 126, 131, 133, 135, 136.

Elections from methods courses in academic subjects (see page 6).

Education 4 or Rural Education 121 (or the equivalent) is required of all students. Students should obtain advice from members of the Division of Education regarding elections from this group.

The courses suggested above are the ones that are normally expected to be used in meeting certification requirements. Substitutions should be made only with the approval of members of the Division.

Requirements for certification vary from state to state. These variations are so marked that adequate information cannot be given in brief space. It is the intention of the Division to offer such courses which will insure qualification for teaching certificates generally, but in many cases this will involve the working out of special programs for individual students. Accordingly, students are advised to communicate with the office of the Division of Education for information regarding their special needs.



## THE SUMMER SESSION

The term of the Cornell University Summer Session covers a period of six weeks from early July to the middle of August. A wide range of courses is offered for those in educational work. Prospective students should apply to the Secretary of the Summer Session for a copy of the official announcement. A description of the courses offered in the 1928 Summer Session that are not offered during the regular year may be found on pages 17-19 of this announcement.

## COURSES OF INSTRUCTION

In the statement given below the term "Education 1," "Education 6," etc., given in parenthesis following the name of the course, indicates that the course is offered by the Department of Education. "Rural Education 111," "Rural Education 114," etc. means that the course is offered by the Department of Rural Education.

All courses offered by the Department of Education require Psychology 1 as a prerequisite.

In the Department of Rural Education courses are grouped by decades: General, 1-10; Psychology, 11-20; Educational Method, 21-40; Preparation of Teachers for Normal Schools and Colleges, 41-50; Educational Measurement, 51-60; Educational Administration and Supervision, 61-80; Principles of Education, 81-90; Philosophy of Education, 91-100. All courses numbered under 100 are intended primarily for underclassmen; those from 101-200 are primarily for upperclassmen and graduate students; while those numbered 201 and over are primarily for graduate students.

It should be noted that courses carrying the same name are not necessarily equivalents.

## COURSES OFFERED IN 1928-29

These courses are listed in the same order as they occur in the announcement. A statement of certification requirements is given on page 7.

## GENERAL COURSES (page 10.)

Education 20.	Seminary in Education. First term.
Rural Education 230.	General Seminary. First term.

## PSYCHOLOGY (pages 10 f.)

Education 1.	Educational Psychology. Either term.
Rural Education 111.	Psychology for Students of Education. Either term.
Rural Education 114.	Psychology for Students of Hotel Administration. Second term.
Rural Education 116.	Psychology for Students of Child Training. Second term.
Rural Education 211a.	Psychology for Students of Education. First term.
Rural Education 212.	Psychology of Learning. Second term.
Education 6.	Experimental Education. Second term.
Education 17.	Mental Development. First term.
Education 8.	Experimental Investigation. Either term.
Education 9.	Reading of German Educational Psychology. First term.



## EDUCATIONAL METHOD (pages 11 ff.)

- Rural Education 121. Method and Procedure in Secondary School Teaching. First term.  
 Education 4. Method and Procedure in High School Teaching. First term.  
 Education 4a. Observation and Practice in High School Method. First term.  
 Rural Education 126. The Teaching of Science in the Rural Secondary School. Second term.  
 Rural Education 131. Teaching Agriculture in the High School. First and second terms.  
 Rural Education 133. Directed Teaching in Agriculture. Either term.  
 Rural Education 135. The Teaching of Home Economics in the High School. Second term.  
 Rural Education 136. Directed Teaching in Home Economics. Either term.  
 Rural Education 223. The Teaching of Elementary School Subjects. First term.  
 Rural Education 226. Research in Science Teaching. Either term.  
 Rural Education 227. Seminary in Elementary Education. Second term.  
 Rural Education 228. Seminary in Child Guidance. Second term.  
 Rural Education 239. Problems of Extension Teaching. Second term.  
 Rural Education 240. Seminary in Problems of Extension Work. First term.

PREPARATION OF TEACHERS FOR NORMAL SCHOOLS AND COLLEGES  
(pages 13 f.)

- Rural Education 241. The Preparation of Teachers for Normal Schools and Colleges. Second term.  
 Rural Education 243. Problems of College Teaching. Second term.  
 Rural Education 245. College Preparation of Teachers of Agriculture for Departments in Secondary Schools. First term.  
 Rural Education 248. The Preparation of Teachers of Home Economics. First term.  
 Rural Education 250. Seminary in Agricultural Education. Second term.

## EDUCATIONAL MEASUREMENT (page 14.)

- Education 7. Mental and Educational Measurement. First term.  
 Rural Education 251. Mental and Educational Measurement. Second term.  
 Rural Education 252. Conferences on Statistical Methods. Throughout the year.

## EDUCATIONAL ADMINISTRATION AND SUPERVISION (pages 14 f.)

- Rural Education 161. Principles of School Administration and Supervision. First term.  
 Education 10. City School Administration and Supervision. First and second terms.  
 Rural Education 175. The Principalship of the Centralized and Village School. Second term.  
 Rural Education 261. The Administration of Rural Schools. First term.  
 Rural Education 262. Special Problems in School Administration. Second term.  
 Rural Education 263. Procedures and Techniques in Supervision. First term.  
 Rural Education 264. Seminary in Rural School Administration. Second term.  
 Rural Education 267. Administration and Supervision of Vocational Agriculture. Second term.  
 Rural Education 269. The Administration and Supervision of Home Economics. Second term.  
 Rural Education 276. Principles of Curriculum Building. Second term.

## HISTORY OF EDUCATION (page 16.)

- Education 13. History of American Education. Either term.  
 Education 16. Readings in the History of Education. Second term.



## PRINCIPLES OF EDUCATION (page 16)

Education 2.	Principles of Secondary Education. Second term.
Rural Education 181.	Principles of Education. Second term.
Rural Education 281.	Rural Secondary Education. First term.

## PHILOSOPHY OF EDUCATION (pages 16 f.)

Rural Education 194.	Education and Vocations. First term.
Rural Education 292.	Introduction to Philosophy of Education. First term.
Education 5.	Philosophy of Education. Second term.

## NATURE STUDY (page 17.)

Rural Education 7.	Nature Study. Second term.
Rural Education 109.	The Nature Study Movement and Its Makers. First term.

## GENERAL COURSES

[**Introduction to Problems of Public Education** (Rural Education 1). First term. Credit two hours. Designed for students not preparing to teach. Not credited toward the professional requirements in education.] Not offered in 1928-29.

**Seminary in Education** (Education 20). First term. Credit two hours. Prerequisite, Education 1. Primarily for graduate students. M 4-6. *Goldwin Smith* 248. Professor OGDEN.

Topics relevant to the fundamental assumptions of educational theory will be chosen.

[**Seminary in Education** (Education 21). Second term. Credit two hours. Primarily for graduate students; admission by permission of instructor. Professor JORDAN.] Not offered in 1928-29.

Topics developing from historical and current problems of educational practice, especially as related to administration and conduct of the public school system and of the university.

**General Seminary** (Rural Education 230). First term. Credit one hour. All graduate students majoring in the Department of Rural Education are required to take this seminary some time during their period of study, preferably before undertaking their major researches. Th 4-6. *Caldwell* 143. Professor BUTTERWORTH.

A consideration of scientific method in education with particular reference to thesis writing.

## PSYCHOLOGY

**Educational Psychology** (Education 1). Either term. Credit three hours. Lectures and recitations. First term: M W F 11. Second term: M W F 10. *Goldwin Smith* 134 and 234. Students must apply to *Goldwin Smith* 251 for assignment to section. Professor Ogden, Assistant Professor FREEMAN, and Dr. BRUCE.

A study of functional psychology with special reference to the learning process and its application to educational theory and practice.

**Psychology for Students of Education** (Rural Education 111). Either term. Credit four hours. Open to juniors and seniors. Professor KRUSE, Assistant Professor BAYNE, and Mr. WINSOR.

*First term:*

Section 1. Lectures, M W F 11. *Caldwell* 143. Laboratory, T 2-4:30. *Caldwell* 282.

Section 2. Lectures, M W F 11. *Countryman Building*. Laboratory, W 2-4:30. *Caldwell* 282.

Section 3. Lectures, M W F 9. *Caldwell* 143. Laboratory, Th 2-4:30. *Caldwell* 282.



*Second term:*

Section 1. Lectures, M W F 11. *Caldwell* 143. Laboratory, T 2-4:30. *Caldwell* 282.

Section 2. Lectures, M W F 8. *Caldwell* 100. Laboratory, Th 2-4:30. *Caldwell* 282.

**Psychology for Students of Hotel Administration** (Rural Education 114). Second term. Credit four hours. Open to juniors and seniors. Lectures, M W F 10. *Caldwell* 143. Laboratory, Th 2-4:30. *Home Economics* 310. Assistant Professor UHRBROCK.

**Psychology for Students of Child Training** (Rural Education 116). Second term. Credit two hours. Prerequisite, Rural Education 111. T Th 11. *Caldwell* 100. Professor KRUSE.

**[Psychology for Students of Economics and Sociology** (Rural Education 117). First term. Credit four hours. An elementary course in psychology open to juniors, seniors, and graduate students. Graduate students planning to teach should take Rural Education 211a.] Not offered in 1928-29.

**Psychology for Students of Education** (Rural Education 211a). First term. Credit four hours. For mature students with teaching experience. M W F 11-12:30. *Caldwell* 282. Assistant Professor BAYNE.

**[Psychology for Students of Education** (Rural Education 211b). Second term. For members of the teaching staff. Professor KRUSE.] Not offered in 1928-29.

**Psychology of Learning** (Rural Education 212). Second term. Credit two hours. Prerequisite, Rural Education 111 or 211a or the equivalent. Primarily for graduate students; open to undergraduates only by permission. Th 4-6. *Caldwell* 143. Professor KRUSE.

**[Seminary in Educational Psychology** (Rural Education 218). Second term. Credit two hours. Professor KRUSE.] Not offered in 1928-29.

**Experimental Education** (Education 6). Second term. Credit two hours. Prerequisites, Education 1 or the equivalent and Psychology 3. T Th 2. *Goldwin Smith* 248. Assistant Professor FREEMAN.

The chief problems of experimental education; the application of psychological and statistical methods to problems in educational psychology; chief results and practical bearings.

**Mental Development** (Education 17). First term. Credit two hours. Prerequisite, Education 1 or the equivalent. W 2-4. *Goldwin Smith* 248. Professor OGDEN.

A course in child psychology, dealing with the facts of mental growth and their interpretation.

**Experimental Investigation** (Education 8). Either term. Credit and hours to be arranged. Prerequisite, Education 6 or 7. *Goldwin Smith* 251. Professor OGDEN and Assistant Professor FREEMAN.

Experimental study of a special problem in educational psychology or in mental measurement.

**Reading of German Educational Psychology** (Education 9). First term. Credit two hours. Prerequisite, Education 1 or the equivalent. Th 4-6. *Goldwin Smith* 248. Professor OGDEN.

The aim of the course is to aid in facility of translation and to familiarize the student with certain monographic literature.

## EDUCATIONAL METHOD

**Method and Procedure in Secondary School Teaching** (Rural Education 121). First term. Credit three hours. Prerequisite, Rural Education 111. Open to juniors and seniors. Students preparing to teach home economics should take Rural Education 181. M W F 11. *Poultry Building* 174. Professor FERRISS.

The development of certain principles of teaching in secondary schools, and their application to practical questions arising from the problems of selecting and organizing teaching materials, planning class work, making the assignments, determining classroom and laboratory methods, directing study, managing the class, measuring the results of teaching, etc., considered in the light of the principles developed.



**Method and Procedure in High School Teaching** (Education 4). First term. Credit three hours. For seniors only. M W F 11 or M W F 3. *Goldwin Smith* 256. Professor JORDAN.

Designed for students who expect to teach in secondary schools. The relation and duties of high school teachers to their students, to the community, and to the state; methods of class management and types of recitations. Observation of actual high school classes required.

**Observation and Practice in High School Method** (Education 4a). First term. Credit one hour. For seniors only. M 4. *Goldwin Smith* 256. Professor JORDAN and Dr. BRUCE.

Planned to be taken coincidentally with Education 4.

**The Teaching of Science in the Rural Secondary School** (Rural Education 126). Second term. Credit two or three hours. Prerequisites, Rural Education 111 and 121 or their equivalents. T Th 10. *Fernow* 16. Professor PALMER.

This course is concerned with the organization of high school science material, the introduction of scientific ideas to high school students, and a consideration of useful sources of information and supply. Opportunity is provided for observation of high school science teaching for the third hour of credit.

**Teaching Agriculture in the High School** (Rural Education 131). First and second terms. Credit three hours a term. Open to students who have completed Rural Education 111, who have met the farm-practice requirements, and whose progress in the prescribed courses in agriculture is adequate. Lectures, T Th 8. *Caldwell* 282. Conferences by appointment. Laboratory, not less than a one half-day period a week in directed teaching. Professor STEWART and Mr. HOSKINS.

A course based upon the activities of the teacher of agriculture in the secondary school, and including participation in these activities. Principles of teaching are evaluated in the light of the situations in which they take their rise. Problems arising in itinerant teacher training are utilized in this course. Special consideration is given to such problems as: the purposes of instruction, determination of courses of study and the making of curricula, the selection of methods of teaching, the setting up of teaching situations, and the evaluation of results.

**Directed Teaching in Agriculture** (Rural Education 133). Either term. Credit from one to three hours, amounts to be determined by work done. Prerequisite, Rural Education 111. Students planning to take this course should arrange with the instructor in advance of registration dates. Professor STEWART and Mr. HOSKINS.

**The Teaching of Home Economics in the High School** (Rural Education 135). Second term. Credit three hours. Prerequisite, Rural Education 111. Rural Education 181 or the equivalent should precede or parallel it. Should be taken by juniors. Lectures, T Th 8. *Home Economics* 100. Laboratory, T or Th 2-4:30. *Caldwell* 100.

This course is particularly concerned with modern methods of education as related to home economics and is designed to assist teachers in improving their methods of teaching. Consideration will be given to problems involved in the determination and construction of home economics curricula designed to meet the needs and interests of elementary and secondary school pupils, both vocational and elective.

**Directed Teaching in Home Economics** (Rural Education 136). Either term. Credit two or three hours, amounts to be determined by work done. Open to students preparing to teach home economics. Students planning to take this course should arrange with the department during the junior year. General conferences, S 8-10. *Caldwell* 282. ———— and Misses BULL and HASTIE.

This course is designed to give students opportunity for observation and teaching under the guidance of the department. A week-end trip for the purpose of studying equipment is a part of the course.

**[Methods of Extension Teaching in Agriculture** (Rural Education 137). Second term. Credit two hours. Prerequisite, Rural Education 111 or its equivalent. Open to seniors and graduate students. Professor EATON.] Not offered in 1928-29.



A study of methods of group and individual teaching appropriate to the work of county agricultural agents and junior project leaders.

**[Methods of Extension Teaching in Home Economics** (Rural Education 138). Second term. Credit two hours. Prerequisite, Rural Education 111 or its equivalent. Professor EATON and Assistant Professor MORTON. (See Extension 100, College of Home Economics.)) Not offered in 1928-29.

A study, with observation and practice, of methods of teaching appropriate to the work of home demonstration agents and junior club agents.

**[Principles of Method** (Rural Education 222). Credit two hours. Prerequisites Rural Education 211a or its equivalent and teaching experience. Professor STEWART.] Not offered in 1928-29. Offered in summer session, 1928.

Designed to develop through concrete situations the principles underlying successful teaching experience. Each student evaluates the principles discussed in the light of some definite instruction unit.

**The Teaching of Elementary School Subjects** (Rural Education 223). First term. Credit three hours. M W F 8. *Caldwell* 282. Professor MOORE.

A course designed for experienced elementary school teachers, supervisors, and others who are concerned with recent developments in this field. A critical consideration of important research studies which have a direct bearing upon the teaching of elementary school subjects.

**Research in Science Teaching** (Rural Education 226). Either term. Credit one or two hours. Prerequisites, Rural Education 111 and 121. For graduate students. Professor PALMER.

Special problems in science teaching.

**Seminary in Elementary Education** (Rural Education 227). Second term. Credit two hours. T 4-6. *Caldwell* 143. Professor MOORE.

Open to graduate students who are especially interested in elementary school problems. The topics considered will vary from year to year, depending upon the interests of those participating.

**Seminary in Child Guidance** (Rural Education 228). Second term. Credit two hours. Prerequisites, Rural Education 111 or 211a and Family Life (Home Economics) 101. S 10-12. Nursery School. Professor WARING.

**Problems of Extension Teaching** (Rural Education 239). Second term. Credit three hours. Open to graduate students who have completed Rural Education 211a or its equivalent, and who have had teaching or extension experience in agriculture or home economics; open also to graduate students and to seniors who have completed Extension Teaching 103 and Rural Education 137, or Extension 100 (Home Economics) and Rural Education 138. Observation of extension teaching as opportunity permits is expected of all students. T Th 11-12:30. *Caldwell* 282. Professor EATON.

A study of aims, functions, and methods of extension teaching.

**Seminary in Problems of Extension Work** (Rural Education 240). First term. Credit two hours. M 4-6. *Caldwell* 282. Professor EATON and members of the Extension staff.

## PREPARATION OF TEACHERS FOR NORMAL SCHOOLS AND COLLEGES

**The Preparation of Teachers for Normal Schools and Colleges** (Rural Education 241). Second term. Credit three hours. M W F 10. *Caldwell* 282. Professor BUTTERWORTH.

To meet the needs of those responsible for the training of teachers for rural elementary and secondary schools.

**Problems of College Teaching** (Rural Education 243). Second term. Credit three hours. Prerequisite, Rural Education 211a or 211b, or the equivalent. For graduate students and members of the staff. M W 11-12:30. *Caldwell* 282. Professor EATON.

A study of methods in classroom, laboratory, and field teaching appropriate to the objectives of resident teaching in the college; in so far as time permits there will also be undertaken a study of course organization.



**College Preparation of Teachers of Agriculture for Departments in Secondary Schools** (Rural Education 245). First term. Credit three hours. Open to graduate students of approved qualifications. M W F 2. *Caldwell* 492. Professor EATON.

A study of the organization of preparatory systems in the Land Grant colleges for prospective teachers of agriculture in vocational departments of secondary schools.

**The Preparation of Teachers of Home Economics** (Rural Education 248). First term. Credit three hours. For graduate students only. T Th S 10. *Caldwell* 294.

This course is designed to meet the needs of persons who have had both technical preparation in home economics and teaching experience, and who desire to prepare for the special problems involved in the professional work of preparing teachers of home economics subjects on a vocational basis. It treats of collegiate and secondary curricula in home economics with reference to the technical preparation of teachers, their professional needs, supervised teaching experience, and the organization and content of special methods courses in home economics.

**Seminary in Agricultural Education** (Rural Education 250). Second term. Credit two hours. Prerequisites, Rural Education 245 and 267. Open only to graduate students in agricultural education. W 4-5:30. *Caldwell* 143. Professor EATON.

### EDUCATIONAL MEASUREMENT

**Mental and Educational Measurement** (Education 7). First term. Credit three hours. Prerequisite, Education 1 or Rural Education 111 or permission of the instructor. T Th S 9. *Goldwin Smith* 236. Assistant Professor FREEMAN.

The single tests and test systems and their uses; the bearing of tests upon problems of psychological theory (nature and distribution of intelligence, the correlation of abilities, etc.). Demonstrations in administering individual and group tests.

**Mental and Educational Measurement** (Rural Education 251). Second term. Credit three hours. Prerequisite, permission to register. Primarily for graduate students. F S 11-12:30. *Caldwell* 282. Assistant Professor BAYNE.

Mental and educational measurement in relation to the classification of pupils, determination of the progress of pupils, and individual difficulties. The determination of final marks will be treated. Typical tests and scales and common statistical terms and methods will be studied in relation to the above problems.

**Conferences on Statistical Methods** (Rural Education 252). Throughout the year. Credit may be arranged. Designed primarily for students of education. By appointment, *Caldwell* 225. Assistant Professor BAYNE.

**[Statistics for Students of Education** (Rural Education 253). First term. Credit two hours. Primarily for graduate students in education. Assistant Professor BAYNE.] Not offered in 1928-29.

### EDUCATIONAL ADMINISTRATION AND SUPERVISION

**Principles of School Administration and Supervision** (Rural Education 161). First term. Credit three hours. Prerequisites, Rural Education 111 and 121 or 181, or the equivalent. M W F 9. *Caldwell* 282. Professor BUTTERWORTH.

An introductory course covering the general problems of the field: types of school units; state and county organization; functions of boards of education; selection, promotion, and tenure of teachers; training teachers in service; pupil accounting; the school building; curriculum reconstruction; financing the school system; etc.

**City School Administration and Supervision** (Education 10). First and second terms. Credit two hours a term. Prerequisite, Education 1 or its equivalent. M W 9. *Goldwin Smith* 248. Professor JORDAN.

Principles of administration and supervision of state and city school systems, involving problems of evaluation and improvement of teaching, and of the subject matter in the public schools. This course will be adapted to the particular needs of the class.

**[The Junior High School** (Education 12). Either term. Credit two hours. For seniors, graduate students, and other qualified students. Professor JORDAN.] Not offered in 1928-29.



Psychological, biological, and pedagogical bases for the junior high school; fundamental principles; organization and administration; curricular content in detail; methods of instruction.

**The Principalship of the Centralized and Village School** (Rural Education 175). Second term. Credit two hours. Open to seniors and graduate students. T Th 11. *Caldwell* 143. Professor FERRISS.

A course designed primarily for those preparing to be principals of schools containing both high school and elementary grades. Attention is given to the needs of those combining the work of principal and teacher of agriculture.

**The Administration of Rural Schools** (Rural Education 261). First term. Credit three hours. T Th 11-12:30. *Caldwell* 282. Professor BUTTERWORTH.

A course for students of experience dealing with the problems of organizing and administering education in country and village districts.

**Special Problems in School Administration** (Rural Education 262). This course is divided into units in such a manner as to include the major problems of the school administrator. Professor BUTTERWORTH.

[A. **School Finance**. Second term. Credit two hours.] Not offered in 1928-29.

B. **The School Population**. Second term. Credit two hours. T Th 9. *Caldwell* 282.

The school census, attendance, grading and promotion, retardation, elimination, and similar problems.

[C. **The School Plant**. Second term. Credit two hours.] Not offered in 1928-29.

**Procedures and Techniques in Supervision** (Rural Education 263). First term. Credit three hours. M W F 10. *Caldwell* 282. Professor MOORE.

The purpose of this course is to assist graduate students of experience to improve their supervisory procedures and techniques. The course includes a survey of the literature related to supervisory problems and an evaluation of the theories and practices involved. Schools are visited and procedures are observed from the viewpoint of the supervisor.

**Seminary in Rural School Administration** (Rural Education 264). Second term. Credit two hours. M 4-6. *Caldwell* 282. Professor BUTTERWORTH.

Designed for those desiring to make an intensive study of rural school administration.

**Administration and Supervision of Vocational Agriculture** (Rural Education 267). Second term. Credit three hours. For graduate students only. M W F 9. *Caldwell* 143. Professor STEWART.

A course designed for persons fitting themselves for supervision of agricultural education. Topics treated: administration and supervision of agricultural education under the Federal Vocational Education Act; state organization for conduct of vocational education; supervision and a comparative study of types of schools. The supervision of schools is a required part of the course.

**The Administration and Supervision of Home Economics** (Rural Education 269). Second term. Credit three hours. For graduate students only. T Th S 10. *Home Economics* 400.

This course is intended for supervisors and for teachers who are preparing for supervisory positions in the field of home economics. The course is concerned with the analysis of the supervisor's job and with methods of supervision. Among the problems presented for study and investigation will be the organization and the administration of homemaking departments; the principles underlying the present day changes in home economics education; the principles underlying the organization of courses; evaluation of teaching; improvement of teachers in service; teachers' conferences; and study classes.

**Principles of Curriculum Building** (Rural Education 276). Second term. Credit three hours. For graduate students only. T Th 2-3:30. *Caldwell* 143. Professor FERRISS.

A consideration of the major problems, principles, and techniques in determining educational objectives, and curriculum content and organization, with special emphasis upon elementary and secondary education in rural communities.

[**Seminary in Rural Secondary Education** (Rural Education 278). Second term. Credit two hours. Professor FERRISS.] Not offered in 1928-29.

Special topics: pupil guidance, and supervision of instruction in the high school.



## HISTORY OF EDUCATION

**[History of Education** (Education 3). (a) Greek, Roman, and Early Medieval. First term. Credit two hours. Open only to juniors, seniors, and graduate students. Professor Laistner. (b) Medieval and Modern. Second term. Credit two hours. Open only to juniors, seniors, and graduate students. Professor SMITH.] Not offered in 1928-29.

**History of American Education** (Education 13). Either term. Credit three hours. Prerequisite, Education 1 or its equivalent. T Th S 10. *Goldwin Smith* 225. Dr. BRUCE.

A survey of educational change in the United States from the beginning of the seventeenth century to the present with special emphasis on public schools, and consideration of the religious, economic, political, and social factors affecting education. European influences throughout the period will also be considered briefly.

**Readings in the History of Education** (Education 16). Second term. Credit two hours. Prerequisites, Education 1 and 3, or the permission of the instructor. Hours to be arranged. *Goldwin Smith* 248. Dr. BRUCE.

## PRINCIPLES OF EDUCATION

**Principles of Secondary Education** (Education 2). Second term. Credit three hours. Prerequisite, Education 1 or its equivalent. M W F 2 or T Th S 12. *Goldwin Smith* 234. Assistant Professor FREEMAN.

The nature and significance of education; biological and psychological foundations; the school as a social institution; educational ideals and values; the curriculum; administration and general methods. Students who elect this course must apply at *Goldwin Smith* 251 for assignment to section.

**Principles of Education** (Rural Education 181). Second term. Credit three hours. Prerequisite, Rural Education 111. Open to juniors and seniors. Students preparing to teach home economics should take this course. Section 1, M W F 11. *Caldwell* 100. Section 2, M W F 8. *Roberts* 292. Professors FERRISS and MOORE.

A consideration of fundamental principles of education with special attention to the needs of prospective teachers in the high school.

**Rural Secondary Education** (Rural Education 281). First term. Credit four hours. Designed primarily for graduate students. M W F 9, and a period to be arranged. *Caldwell* 282. Professor FERRISS.

A course to consider some of the more basic problems in the nature, organization, curriculum, and extension of secondary education in its adaptation to rural needs and conditions. Among the topics treated are: the functions of rural secondary education; present demands upon the rural secondary school; problems of organization; problems of curriculum building; prevocational and vocational work; pupil guidance; extraclass activities; the rural secondary school and the adult.

## PHILOSOPHY OF EDUCATION

**Education and Vocations** (Rural Education 194). First term. Credit three hours. Prerequisites, Rural Education 111 or its equivalent and a course in Principles of Economics. Open to seniors and graduate students. T Th S 9. *Caldwell* 282. Professor EATON.

A study of the character of vocations and the organization of economic society in their bearing upon the aims and functions of education in a democracy.

**Introduction to Philosophy of Education** (Rural Education 292). First term. Credit three hours. Prerequisites, Rural Education 211a and one year of graduate study. M W F 10. *Caldwell* 143. Professor STEWART.

A critical treatment of the modern views of education, particularly as they relate to the school; and an interpretation of the means and methods of education which these views imply, particularly as observed in the development of a science of education.

**Philosophy of Education** (Education 5). Second term. Credit two hours. Prerequisites, Education 1 or its equivalent and at least one course in Philosophy. W 2-4. *Goldwin Smith* 248. Professor OGDEN.



A study of education as interpreted by the more important philosophical conceptions and theories, with special application to the spirit and demands of modern society.

### NATURE STUDY

**Nature Study** (Rural Education 7). Second term. Credit three hours. Prerequisite, one-half year of botany, biology, or zoology. Lecture, M 12. *Fernow* 16. Practical exercises, M W 2-4:30 and T Th 2-4:30. Professor PALMER.

Laboratory and field practice with those subjects in plant and animal life that are most suitable for nature study in the elementary schools. Special attention is given to the methods of study, manner of presentation, and relation of the topics to agriculture. A study of the history of the nature study movement and of present day practices in nature study is made. The New York State Nature Study Syllabus and the correlation of nature study with other subjects are given consideration.

**The Nature Study Movement and Its Makers** (Rural Education 109). First term. Credit two hours. Prerequisites, Rural Education 111, 121, and 7. M W 10. *Fernow* 16. Professor PALMER.

Discussions of the history of the nature study movement, with consideration to the contributions made to it and to elementary school methods by administrators, educators, scientists, dramatists, and writers of prose, poetry, and fiction. The graded courses in nature study outlines for various states are considered, to assist in the perfection of similar work in the public schools in New York State.

### SPECIAL COURSES OFFERED IN 1928 SUMMER SESSION

The courses listed below are not offered during the regular year 1928-29.

**Special Problems in Education** (Education S 9). Hours and credit to be arranged. Professor Jordan will advise students majoring in the Department of Education; students majoring in the Department of Rural Education may consult any member of that department.

This course is designed to give advanced students an opportunity for study of special problems. The work may consist either of essays and reports on some special topic, or of laboratory practice of an advanced grade. A seminary will be held if application is made by a sufficient number of advanced students. Students interested in work of this nature should consult with some member of the resident staff.

**Psychology for Students of Child Training** (Rural Education S 115). Credit two hours. Daily except Sat. 11. *East Roberts* 232. Professor KRUSE.

A beginning course in psychology designed for students of child training and for teachers of the primary and intermediate grades. A study of original nature, learning and habit formation, attention, memory, etc., will be made in relation to the development of the child.

**The Teaching of Reading** (Education, and Rural Education, S 125). Credit two hours. Daily except Sat. 2-3:30. *Caldwell* 143. Professor CHAMPLIN.

This course deals with various phases of the reading process. Attention will be given to diagnosis, remedial work, types of reading, materials suitable for the various grade levels, recent investigations and recommendations. The course is designed for teachers, principals, and supervisors.

**Teachers' Course in Social Studies in Senior High School** (Education S 30). Credit two hours. Daily except Sat. 10. *Goldwin Smith* 283. Mr. KIDGER.

This course considers the content and method of teaching social studies in the senior high school. The interrelation of geography, history, and civics will be emphasized. Especial attention will be given to the most effective methods not only in presenting American history but also in dealing with problems of democracy. A consideration of individual method of measurements, and effective methods of testing, the use of outside reading, maps, charts, diagrams, notebooks.

**The Teaching of Agriculture in the High School** (Rural Education S 132). Credit two hours. M T Th F 9. Laboratory, W 2-4:30. *Caldwell* 282. Mr. HOSKINS.



Designed for teachers of agricultural courses or for students preparing to teach such courses. Students not registered in Rural Education S 132a are required to take a minimum of three field trips.

A study of the problems confronting the teacher of agriculture; the vocational point of view in instruction; determination of courses of study from field studies and analysis; forms used in teaching, including the selection of materials and their organization for instruction purposes; the relationships of the agricultural teacher to the other agencies of agricultural training in the community.

**Building Courses of Study in Agriculture** (Rural Education S 132a). Credit one hour. July 9 to 21. Daily except Sat. 8. Laboratory, T Th 1-6. *Caldwell* 282. Mr. GETMAN and Mr. HOSKINS.

**Organizing the Supervised Practice Program** (Rural Education S 132b). Credit one hour. July 23 to August 4. Daily except Sat. 8. Laboratory, T Th 1-6. *Caldwell* 282. Mr. GETMAN and Mr. HOSKINS.

Courses S 132a and S 132b are designed for teachers of agriculture who desire intensive unit courses of less than six weeks' duration in practical problems involved in teaching.

**Principles of Method** (Rural Education S 222). Credit two hours. Daily except Sat. 11. *Caldwell* 282. Professor STEWART.

Designed primarily for graduate students in vocational education who have had at least one year of teaching experience and who have completed Rural Education III or its equivalent.

The course deals with typical situations in teaching agriculture, home economics, and science to discover the fundamental principles underlying efficient teaching. The special forms of teaching appropriate to these fields, such as the project, the survey, and the laboratory, will receive special attention.

**Foundations of Method** (Education, and Rural Education, S 226). Credit two hours. Daily except Sat. Section 1, 10, *Goldwin Smith* 290. Dr. BRUCE. Section 2, limited to graduate students, 11, *Caldwell* 100. Professor MOORE.

This course is designed primarily for experienced elementary and high school teachers and supervisors. It will include a critical examination of current and proposed educational methods in the light of accepted principles of educational psychology. Special attention will be given to the theories involved in project-teaching. The course will include such topics as the laws of learning, interest and effort, the thinking process, the organization of experience, the relationship between subject matter and the educative process, discipline and moral training.

**The Preparation of Teachers for Rural Schools** (Rural Education S 141a). Credit two hours. Daily except Sat. 11. *East Roberts* 222. Dr. NELSON.

A course designed for training-class teachers. The work will deal with the several problems of developing the curriculum for the training class, with special reference to conditions in New York.

**Mental and Educational Measurement** (Rural Education S 150). Credit two hours. Daily except Sat. 9. *Caldwell* 250. Mr. WINSOR.

A beginning course in measurement designed for students of child training and for teachers of the primary and intermediate grades. A study will be made of individual and group tests in relation to development, diagnosis, and classification of young children.

**Educational Measurement** (Rural Education S 151). Credit two hours. Daily except Sat. 10. *Caldwell* 282. Assistant Professor BAYNE.

For teachers in the upper grades of the elementary school and in the high school.

A beginning course in educational measurement. Measurement in relation to the classification of pupils, the determination of the progress of pupils, individual difficulties, and the determination of final marks. Typical tests and scales, and elementary statistical terms and methods, will be studied in their relation to the above problems.

**Problems of Rural Education in New York State** (Rural Education S 165). Credit two hours. Daily except Sat. 3:30. *Caldwell* 100. Mr. SNYDER.

An analysis of the educational situation in the smaller communities of New York will be made and methods of improvement will be discussed. The purpose of this course is to give a comprehensive survey of the rural school problems of the state including organization and administration, the teaching staff, the curriculum, school finance, community relations of the school, and school buildings.



**The Elementary School Curriculum** (Rural Education S 178). Credit two hours. Lectures and discussions. Daily except Sat. 9. *Caldwell* 292. Dr. NELSON. For elementary school teachers and others willing to engage in a critical analysis of the materials included in the several fields.

The following general sub-divisions of the course are indicative of its nature: a brief survey of the educational philosophies of curriculum construction; criteria for the selection and organization of materials; comparative study of types of curricula involving practice in evaluation; the relation of methods and materials; the relation of curricula to types of schools; the responsibility of teachers, supervisors, and administrative officers in curriculum study.

**Rural School Administration** (Rural Education S 262e). Credit two hours. Daily July 9 to 21. First meeting, M 8. *Home Economics* 245. Professor BUTTERWORTH.

Designed especially for the district superintendents of New York State. The work will be organized about the central rural school district and related problems. Two class sessions will be held each day. Lectures, readings, discussions, and special reports. Opportunity will be provided for a few visits to the demonstration one-teacher school and for conferences with its teacher. See below.

**High School Administration** (Education S 5). Credit two hours. Daily except Sat. 8. *Goldwin Smith* 256. Professor JORDAN.

A study of the principles basic to administration of the senior and junior high school; the course of study; principles of election; classification of pupils; use of intelligence and achievement tests; the principal as supervisor; building problems; selection and rating of teachers; schedule-making; problems growing out of the experience of the class.

**Problems in School Administration** (Education S 10). Credit two hours. M W 2-4:30. *Goldwin Smith* 236. Professor JORDAN.

A study of administration of school systems, together with problems peculiar to the administration of secondary schools. The course follows a four-year cycle of material, especially arranged to give graduate students a continuous four-year course. Students may enroll in any unit of this course, and particular attention is paid to the needs of each group. Open, by permission of the instructor, to graduate students and to teachers of experience. Papers and reports required.

**The Junior-Senior High School: Aims, Organization, and Curriculum** (Education, and Rural Education, S 17). Credit two hours. Daily except Sat. 12. *Goldwin Smith* 264. Professor BROOKS.

Special emphasis will be placed upon the curriculum in its relation to the large aims of the secondary school. The complementary nature of the junior and senior high school will receive particular attention.

**History of Education** (Education S 3). Credit two hours. Lectures, recitations, and prescribed readings. Daily except Sat. 12. *Goldwin Smith* 256. Dr. BRUCE.

The purpose of this course is to give an understanding of present educational values and practices through an historical consideration of their origin and development.

The topics treated are to a great extent those emphasized in the syllabus for the New York State Teachers' Certificate; education in primitive and barbaric societies; the rise of the school as an institution; Greek and Roman education; scholasticism, humanism, and realism; the 'psychological' movement; the origin and nature of specifically modern tendencies in education.

**Nature Literature** (Rural Education S 2). Credit two hours. Lectures, M W F 12. Laboratory periods to be arranged. *Roberts* 252. Professor COMSTOCK.

Only those who have had Rural Education S 7a or its equivalent are eligible. The course includes discussions of nature study reference books, nature story writers, and nature essayists and poets.

#### DEMONSTRATION SCHOOL

In connection with the courses offered in Rural Education a demonstration school will be conducted at the Forest Home School, near the College Campus, in coöperation with the school authorities there. It will be organized as a rural school offering work in grades one to six inclusive. Informal procedures will be emphasized. It is the plan that special conferences will be arranged from time to time by teachers of the Summer School staff for the discussion of the principles underlying the procedures followed in the school.



## CORNELL UNIVERSITY OFFICIAL PUBLICATION

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This series of pamphlets is designed to give prospective students and other persons information about Cornell University. No charge is made for the pamphlet unless a price is indicated after its name in the list below. Requests for pamphlets should be addressed to the Secretary of the University at Ithaca. *Money orders should be made payable to CORNELL UNIVERSITY.*

The prospective student should have a copy of the

*General Circular of Information*

and a copy of one or more of the following Announcements:

*Announcement of the College of Arts and Sciences.*

*Announcement of the College of Engineering.*

*Announcement of the Law School.*

*Announcement of the College of Architecture.*

*Announcement of the New York State College of Agriculture.*

*Announcement of the Winter Courses in the College of Agriculture.*

*Announcement of the New York State College of Home Economics.*

*Announcement of the New York State Veterinary College.*

*Announcement of the University Division of Education.*

*Announcement of the Department of Chemistry.*

*Announcement of the Graduate School.*

*Announcement of the Summer Session.*

*Announcement of the Summer Session of the Law School.*

*Announcement of the Summer School of Biology.*

*Announcement of the Farm Study Courses.*

*Program of the Annual Farm and Home Week.*

*Annual Report of the President.*

Special departmental announcements, a list of prizes, etc.

Other periodicals are these:

*The Register*, published annually in September, and containing, not announcements of courses, but a comprehensive record of the University's organization and work during the last year. Price, 50 cents.

*Guide to the Campus*. A book of 132 pages, including 55 illustrations and a map in three colors. Price, 50 cents.

*Directory of the University*. Price, 10 cents.

The *Announcement of the Medical College* may be obtained by addressing the Cornell University Medical College, Ithaca, New York.

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ITHACA, NEW YORK.